

## Vitellaro, Chandra

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**From:** Brian Renninger <BrianR@pscleanair.org>  
**Sent:** Monday, February 08, 2016 8:53 AM  
**To:** McClintock, Katie  
**Subject:** FW: Glass Constituent Questions

You might be interested in this communication I had from Spectrum Glass last week. See below.

Brian Renninger, P.E.

Engineer  
Puget Sound Clean Air Agency

206.689.4077  
[brianr@pscleanair.org](mailto:brianr@pscleanair.org)  
1904 Third Avenue, Suite 105  
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"Working together for clean air"  
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**From:** Brandon [mailto:brandonbyhre@spectrumglass.com]  
**Sent:** Thursday, February 04, 2016 2:18 PM  
**To:** Brian Renninger  
**Cc:** 'Monica Pillay'  
**Subject:** RE: Glass Constituent Questions

Hello Brian,

I misspoke in my email earlier today. I said we have never used Arsenic here, which is incorrect. We used to make a clear glass for Bullseye. That clear glass was made primarily with our raw materials with the addition of a "proprietary" bag of ingredients that Bullseye provided us. We learned this "proprietary" material contained Arsenic. Once we learned this we ceased all production of the Bullseye clear at our factory and have not produced any glass for them since then. The last date of production of their clear glass was on June 8<sup>th</sup>, 2002. This all occurred prior to my employment at Spectrum which is why I was not aware of it. I became aware of the Bullseye situation later this morning and wanted to correct my statement to you regarding the use of Arsenic at Spectrum.

We do not plan to use Arsenic at Spectrum Glass in the future and have not done so in the last 14 years.

Let me know if you have any questions.

Thank you,



**Brandon Byhre**  
Vice President of Operations | Spectrum Glass Co.  
PO Box 646 | Woodinville, WA 98072 | 425.483.6699 x4065  
[SpectrumGlass.com](http://SpectrumGlass.com) | [System96.com](http://System96.com)

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**From:** Brandon [<mailto:brandonbyhre@spectrumglass.com>]  
**Sent:** Thursday, February 04, 2016 10:37 AM  
**To:** 'Brian Renninger' <[BrianR@pscleanair.org](mailto:BrianR@pscleanair.org)>  
**Cc:** 'Monica Pillay' <[monica@spectrumglass.com](mailto:monica@spectrumglass.com)>  
**Subject:** RE: Glass Constituent Questions

Hello Bryan,

We do not use any Arsenic here at Spectrum. We never have and we do not plan to. I hope that helps.

Thanks,  
Brandon

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**From:** Brian Renninger [<mailto:BrianR@pscleanair.org>]  
**Sent:** Wednesday, February 03, 2016 11:06 AM  
**To:** [brandonbyhre@spectrumglass.com](mailto:brandonbyhre@spectrumglass.com)  
**Cc:** Monica Pillay <[monica@spectrumglass.com](mailto:monica@spectrumglass.com)>  
**Subject:** Glass Constituent Questions

Mr. Byhre and Ms. Pillay,

I recently became aware of a Federal Regulation for glass manufacturing plants that use arsenic as a feedstock. This isn't a new rule but, I wasn't aware of it and we don't have it listed as applying to your facility.

The rule would apply to "...each glass melting furnace that uses commercial arsenic as a raw material. This subpart does not apply to pot furnaces."

So, do you ever use arsenic as a feedstock in any of your furnaces that aren't pot furnaces? If so, could identify which furnaces you use for this?

The whole rule is available for your review here:

<http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=8e927707b1a4d445340244e4d61cdd19&mc=true&n=sp40.9.61.n&r=SUBPART&ty=HTML>

Sincerely,

Brian Renninger, P.E.

Engineer  
Puget Sound Clean Air Agency

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